Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 21 Sep 2023 until 23:59 on Friday 22 Sep 2023

Forecast Issued on Wednesday 20 Sep 2023 at 16:41

Confidence: High for a generally unsettled period of weather with a mix of sunshine and showers.

Headline for Thursday 21 Sep 2023: Sunshine and occasionally heavy showers with a risk of thunder.

Mountain weather hazards on Thursday 21 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny intervals	Heavy rain showers	Light rain showers	Clear night	Clear night
Precipitation probability							
00%	00%	00%	20%	50%	30%	00%	00%

Forecast for Thursday 21 Sep 2023

Weather: A dry start with some clear spells through the early hours. Sunshine and showers developing through the morning, these occasionally heavy and blustery with a risk of thunder. Turning drier and clearer into the late afternoon and evening. Feeling breezy, especially in the heavier showers.

Chance of cloud-free hill tops above 600m: Greater than 90%

Low cloud and visibility: Generally very good or excellent, but occasionally moderate or poor in the heavier showers. Bases mainly above the tops, perhaps falling to 500 m in the heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 21 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/28 SW	17/24 SW	16/22 SW	16/22 SW	15/22 SW	14/19 SW	9/13 W	10/14 SW	12/16 SW
300	12/21 SW	12/20 SW	10/18 S	13/19 SW	12/19 SW	10/16 SW	6/10 SW	7/11 SW	8/12 SW
Valley	7/20 SW	7/19 SW	6/17 S	9/17 SW	8/16 SW	9/16 SW	4/10 W	4/11 SW	4/11 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	7/3	7/3	8/4	10/6	10/7	9/6	7/5	6/3
300	10/7	9/7	9/7	11/8	12/10	13/11	11/10	10/8	8/6
Valley	10/8	9/7	9/7	11/10	14/12	14/12	12/11	10/9	9/8
Freezing Level*	1600m	1500m	1600m	1600m	1700m	1700m	1700m	1500m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Showers possible from late morning and through much of the afternoon, with conditions changing quickly under the showers, although some parts may see very little rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 20 Sep 2023	0mm	0mm	0mm

Forecast for Friday 22 Sep 2023

Weather: Dry and clear at first, with light winds. Showers developing and becoming more widespread through the morning, with some of these perhaps turning heavy and blustery with a risk of thunder. Any showers easing into the evening.

Maximum wind: Northwesterly 15-20 mph with gusts of 25-30 mph.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Generally very good or excellent, but occasionally moderate or poor in the heavier showers. Bases mainly above the tops, perhaps falling to 500 m in the heavier showers.

Temperature: **Valleys:** Plus 10 Celsius.
At 600m: Plus 8 Celsius.
Freezing level: Above the summits.

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